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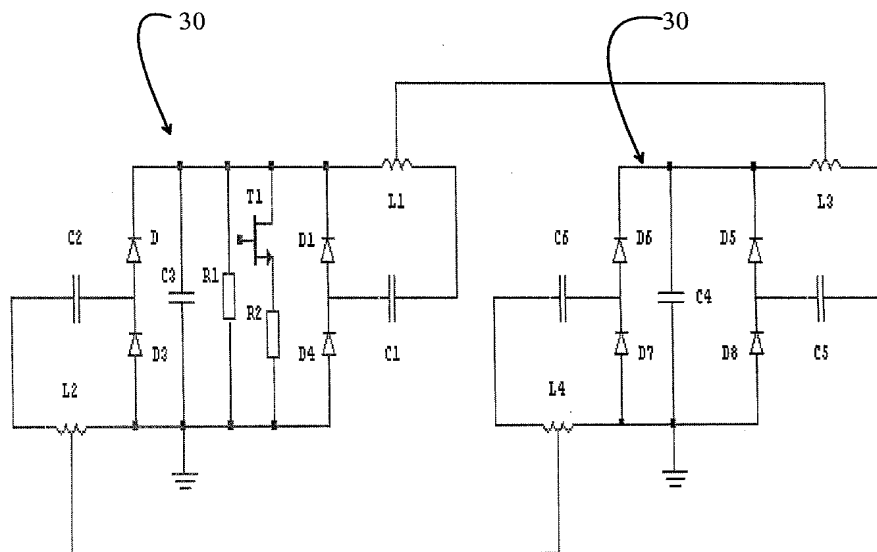
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(54) Title: COIL SYSTEM AND VOLTAGE RECTIFIERS FOR COMMUNICATION AND INDUCTIVE POWERING OF DE-
VICES INSIDE ROTATING TYRE OF A VEHICLE



(57) Abstract: The present invention relates to a power feeding arrangement for electric loads (R) positioned in tires (20) of vehicles. According to the invention the arrangement comprises at least one feed coil (L_f) arranged in the vehicle (10), at least one receiver coil (L_r) arranged in the tire (20), and at least one load (R) electrically coupled to the receiver coil (L_r).

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